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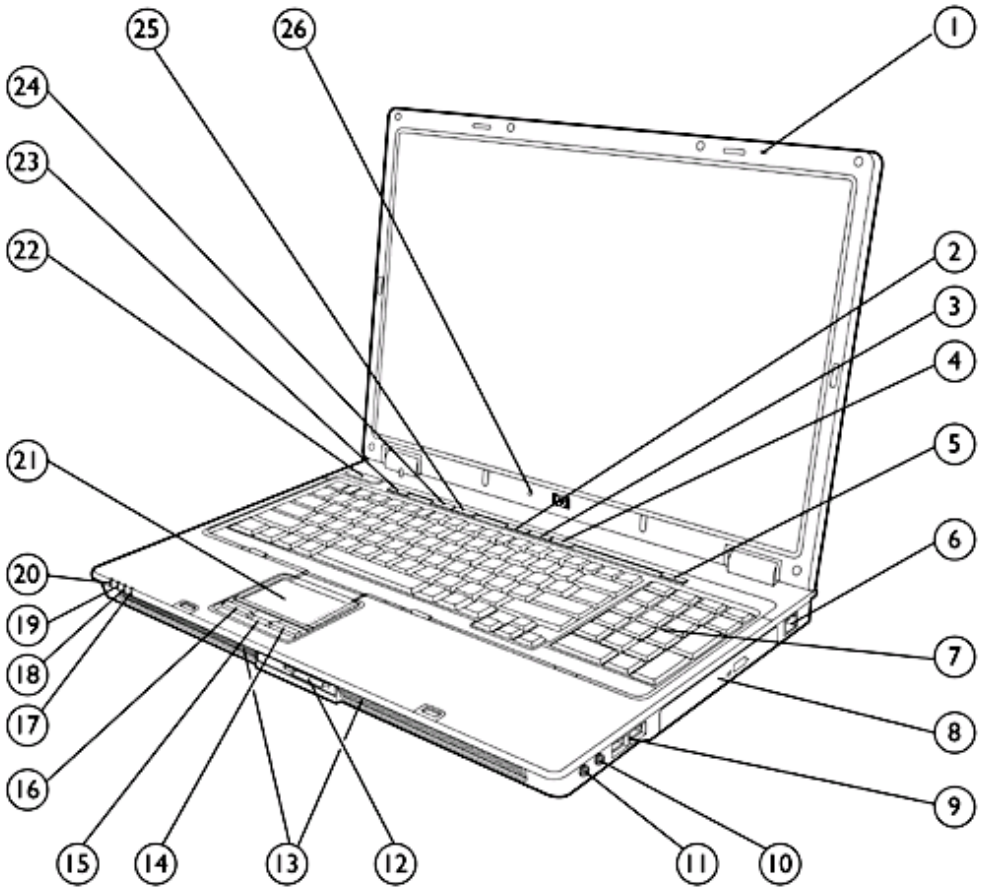
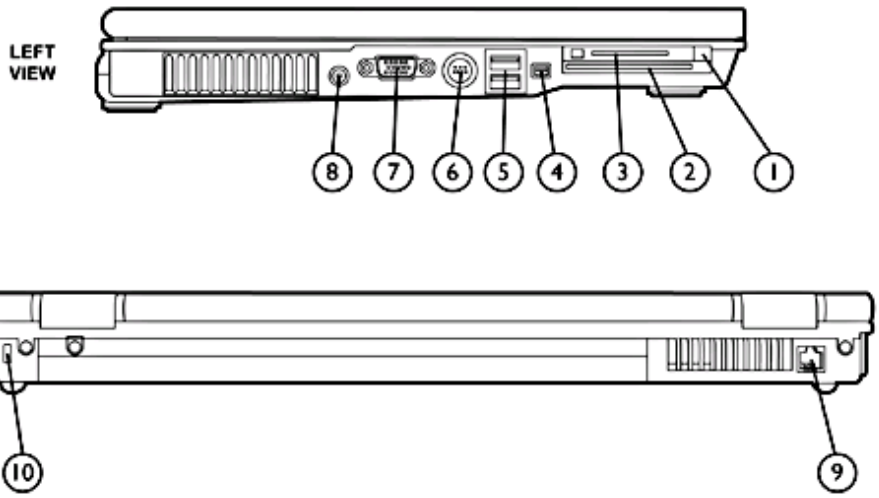
Overview

HP Compaq nx9420 Notebook PC

HP recommends Windows® XP Professional



1. Internal Microphone
2. Volume Mute Button with LED
3. Volume Down Button
4. Volume Up Button
5. Calculator Launch Button
6. RJ-45 Port (NIC)
7. Integrated Numeric Keypad
8. Integrated Optical Drive
9. 2 USB 2.0 Ports
10. Microphone Jack
11. Headphone Jack
12. 7-in-1 Media Reader
13. Stereo Speakers
14. Right Touchpad Button
15. Optional Biometric Fingerprint Sensor
16. Left Touchpad Button
17 Hard Drive Activity LED
18 Battery Charging LED
19. Power/Standby LED
20. Wireless On/Off LED
21. Touchpad with scroll zone
22. Power Button with LED
23. HP Info Center Button
24. Wireless On/Off Button with LED
25. Presentation Mode Button
26. Ambient Light Sensor



1. PC Card Eject Button
2. Integrated Smart Card Reader
3. PC Card Slot
4. IEEE 1394a Port
5. 2 USB 2.0 Ports
6. S-Video TV Out
7. VGA/External Monitor Port
8. Power Connector
9. RJ-11 Port (Modem)
10. Kensington Lock Slot

At A Glance

- Genuine Windows XP Professional, FreeDOS
- SUSE Linux Enterprise Desktop 10 for x86 and Novell Linux Desktop 9 SP3 for x86
- Sleek light-weight design starting at 7.4 lb (3.36 kg) and 1.3 inch (33 mm) thin at front
- 17.0-inch wide screen display
- Intel® Core™ 2 Duo processors and Intel Core Duo processors
- Up to 4GB* of 533- or 667-MHz DDR2 SDRAM, dual channel memory support
- ATI Mobility Radeon X1600 or NVIDIA Quadro NVS 510M graphics controller with 256 MB of discrete video memory
- Up to 120-GB 5400 rpm, user-removable hard drive
- Optional 802.11 a/b/g or 802.11 b/g wireless LAN modules and optional Bluetooth®
- IEEE 1394a Port
- 7-in-1 Media Reader
- Security features include integrated Smart Card Reader, TPM Embedded Security Chip**, and optional Biometric Fingerprint Sensor
- Broadcom NetXtreme Gigabit Ethernet PCI Express Controller
- Protected by a one-year standard parts and labor warranty – certain restrictions and exclusions apply.

* Above 3-GB, all memory may not be available due to system resource requirements.
** TPM module disabled where use is restricted by law; for example, Russia.

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Standard Features

Processors	Intel Core 2 Duo Processor T7600 (2.33-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Intel Core 2 Duo Processor T7400 (2.16-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Intel Core 2 Duo Processor T7200 (2.0-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Intel Core 2 Duo Processor T5600 (1.83-GHz, 667-MHz FSB, 2-MB L2 cache)*
	Intel Core Duo processor T2600* (2.16-GHz, 667-MHz FSB, 2-MB L2 cache)
	Intel Core Duo processor T2500* (2.00-GHz, 667-MHz FSB, 2-MB L2 cache)
	Intel Core Duo processor T2400* (1.83-GHz, 667-MHz FSB, 2-MB L2 cache)
	* Intel's numbering is not a measurement of higher performance.

NOTE: Processor speed denotes maximum performance mode; processors will run at approximately 1 GHz in battery optimization mode.

Operating System	**Preinstalled**	Genuine Windows XP Professional SP2 Genuine Windows XP Home Edition SP2 FreeDOS
	Supported	Genuine Windows 2000 (drivers downloadable from http://www.hp.com)
	Certified	SUSE Linux Enterprise Desktop 10 for x86 Novell Linux Desktop 9 SP3 for x86
	Windows Vista Capable	Not all Windows Vista features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista -- like the new Windows Aero™ user interface -- require advanced or additional hardware. Check http://www.windowsvista.com/getready for details.
Chipset	Mobile Intel 945PM Express Chipset with 667-MHz front side bus	
Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory NVIDIA Quadro NVS 510M graphics controller with 256 MB of discrete video memory Microsoft DirectX 9 capable	
Display	**Internal**	17.0-inch WXGA+ display with 1440 x 900 resolution and 16M colors 17.0-inch WSXGA+ wide viewing angle display with 1680 x 1050 resolution and 16M colors 17.0-inch WSXGA+ wide viewing angle BrightView display with 1680 x 1050 resolution and 16M colors Ambient light sensor
	External	Up to 32-bit per pixel color depth **VGA** port supports resolutions up to 2048 x 1536 at 75 Hz, and lower resolutions at up to 100 Hz **DVI** port in optional HP Docking Station (sold separately) supports resolutions up to 1600 x 1200 at both full and reduced blanking, and 1920 x 1200 at reduced blanking **NOTE:** Resolutions are dependent upon monitor capability, and resolution and color depth settings.
Memory	**Standard**	512-MB, 1024-MB or 2048-MB 533-MHz DDR2 SDRAM 512-MB, 1024-MB or 2048-MB 667-MHz DDR2 SDRAM Two SODIMM slots supporting dual channel memory
	Maximum	Upgradeable to 4096-MB maximum (2048-MB SODIMM in slots 1 and 2)
	Dual-channel	Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots.

NOTE: Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed. Above 3-GB, all memory may not be available due to system resource requirements.

Communications	Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC*) with HP Smart Power NIC technology 56K V.92 modem** with digital line guard * The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. ** Designed for downloads from 56K modem compliant sources. Maximum achievable download transmission rates currently do not reach 56 KB/s, and will vary with line conditions. Modem availability is subject to country regulatory approval.	
Wireless Devices	Support for a broad range of secure, integrated wireless LAN options featuring support for the latest industry standards. Integrated Bluetooth is also an option (factory configurable only) and can be combined with any one of the supported wireless LAN options.	
	All integrated wireless LAN options	Wi-Fi certified Cisco Compatible Extensions support (Version 4.0) Wired Equivalent Privacy (WEP) support up to 128-bit keys Wi-Fi Protected Access (WPA) and WPA2 support 802.1x authentication support, including EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2, and LEAP Advanced Encryption Standard (AES) support WiFi Certified for WPA2, WMM Dual antennas integrated in the display enclosure
	Intel PRO/Wireless 3945ABG Network Connection	Intel Centrino mobile technology Integrated support for 802.11a, b and g Up to 54-mbps data rate
	Broadcom 4311AG WiFi Adapter	Integrated support for 802.11a, b and g Up to 54-mbps data rate
	Broadcom 4311BG WiFi Adapter	Integrated support for 802.11 b and g Up to 54-mbps data rate
	HP Integrated Module with Bluetooth 2.0 Wireless Technology	Bluetooth Specification v2.0 compliant Works with a wide range of Bluetooth devices
Keyboard	The 101/102-key compatible keyboard features an industry standard, full-width layout with desktop keyboard features such as isolated inverted-T cursor control keys, left and right control and alt keys, and 12 function keys. Other features include a full numeric keypad, hotkeys for instant access to power conservation, brightness, and other features, 19.05 mm x 19.05 mm key pitch (center-to-center spacing), 3.0 mm stroke, comfort-dished keycaps, and bright key legends for improved visibility in low light conditions.	
One-Touch Productivity Buttons	Provide one-touch access to the following features: HP Info Center, Wireless On/Off, Presentation Mode, Volume down, Volume up, Volume Mute, and Calculator Launch.	
Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons	
Expansion Card Slots	**One Type I/II PC Card slot**	Supports 32-bit CardBus and 16-bit PC Cards
	One Integrated Smart Card Reader	Compatible with ISO 7816 compliant Smart Cards PC/SC interface support
Media Slots	**7-in-1 Media Reader**	Supports SD (Secure Digital), MMC (MultiMedia Card), Memory Stick, Memory Stick Pro, Memory Stick Duo*, Smart Media, xD-Picture card
	***NOTE:** Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo Card directly into your notebook could damage the memory card and/or notebook.	

Storage	**Hard Drives**	60-, 80-, 100, 120-GB 5400 rpm SMART SATA 80-, 100-GB 7200 rpm SMART SATA
	NOTE: These hard drives are customer removable and will withstand multiple insertion/removal cycles. Up to 8 GB is reserved for the system recovery software.	
	HP Mobile Data Protection System 3D	Hard drive is mounted directly to the notebook frame, reducing the transmission of shock to the hard drive. Uses three-axis digital motion detection with intelligent sensitivity to help protect the hard drive during normal use from shock and vibration.
	Fixed Optical Drives	DVD/CD-RW Combo DVD+/-RW SuperMulti with Double Layer LightScribe DVD+/-RW with Double Layer
Interfaces	**PC Card Slot**	One – Type I/II
	Smart Card Reader	One
	External Monitor	One – VGA
	External Microphone	One
	Headphone/Line out	One
	Power Connector	One
	RJ-11 (Modem)	One
	RJ-45 (NIC)	One
	Ambient Light Sensor	One
	IEEE 1394a Port (4-pin)	One
	S-Video TV Out	One (Support for NTSC/PAL)
	USB 2.0	Four
	Docking Connector	One
	Accessory Battery Connector	One
	LED Status Indicators	Twelve
Audio	ADI High Definition CODEC Integrated 16-bit Sound Blaster Pro compatible audio Integrated stereo speakers Integrated directional microphone External volume up, volume down, and mute buttons Stereo headphone/line out Stereo microphone in	
Software	**Preinstalled Software Microsoft Windows XP**	Adobe Acrobat Reader HP Backup and Recovery Manager HP Help and Support HP Mobile Print Driver HP ProtectTools Security Manager: BIOS Configuration for HP ProtectTools Embedded Security for HP ProtectTools Credential Manager for HP ProtectTools HP Quick Launch Buttons HP Wireless Assistant Sonic Digital Media Plus: RecordNow! (for optional DVD+/-RW and DVD/CDRW drives) MyDVD (DVD Authoring for optional DVD+/-RW drives) Synaptics Touchpad Driver Symantec Norton Internet Security with complimentary 60-day live update Intervideo WinDVD – DVD Player (for optional DVD+/-RW, DVD/CDRW and DVD drives)

	Additional software available from the Web	Smart Card Security for HP ProtectTools Device Access Manager for HP ProtectTools

HP Backup and Recovery Manager

Each unit is shipped with HP Backup and Recovery Manager. HP Backup and Recovery Manager can provide data and system file protection for HP business PCs to enable fast recovery if the system becomes corrupted or if important information is accidentally deleted. HP Backup and Recovery Manager can perform scheduled or manual backups of the entire drive or individual files and folders. Up to 8 GB is reserved for the system recovery software. HP Backup and Recovery Manager can also create software recovery CDs or DVDs (requires optional hardware).

SMBIOS Version 2.4

System Management BIOS, previously known as DMI BIOS, is used to store system management information.

HP ProtectTools Security Manager

HP ProtectTools Security Manager is the security platform for business notebooks and desktops. The HP ProtectTools Security Manager is an extensible client security console that delivers enhanced security capabilities through add-on software modules. Modules currently available or planned are:

- Smart Card Security for HP ProtectTools
- BIOS Configuration for HP ProtectTools
- Embedded Security for HP ProtectTools
- Credential Manager for HP ProtectTools
- Device Access Manager for HP ProtectTools

Security

Standard Features		HP ProtectTools Security Manager Configuration Control Hardware Memory Change Alert Ownership Tag Setup Password Power-On Password DriveLock TPM Enhanced DriveLock* HP Disk Sanitizer Enabled for PC Smart Card Kensington Lock Slot Support for Computrace / LoJack for Laptops (must be purchased separately)
	Integrated Smart Card Reader	Compatible with ISO 7816 compliant Smart Cards PC/SC interface support
	TPM 1.2 Embedded Security Chip*	Designed to the Trusted Computing Group (TCG) standard Microsoft Crypto API and PKCS#11 software interface support RSA Secured Partner program certification ***NOTE:** Full functionality of the TPM Embedded Security Chip is available only with Windows XP Professional. TPM module disabled where use is restricted by law; for example, Russia.
Optional Features	**HP Biometric Fingerprint Sensor**	Biometric sensor for fingerprint authentication, configurable between Touchpad pick buttons

For more information on HP security solutions refer to http://www.hp.com/go/security.

Power Supply

HP 90-watt Smart AC Adapter, 6-foot (1.8-meter) power cord included.
Total length including External AC adapter is 12 feet (3.66 meter).

HP Fast Charge Technology*

*Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to 12-cell Ultra Capacity batteries.

Battery	**Primary Battery**	69Wh 8-cell high capacity Lithium-Ion
	Optional HP 8-Cell Extended Life Battery	52Wh 8-cell high capacity Lithium-Ion
	Optional HP 12-Cell Ultra-Capacity Battery	95Wh 12-cell high capacity Lithium-Ion

Battery Life		**73Wh 8-cell Primary**	**69Wh 8-cell Primary**
	Primary Battery	Up to 4 hours and 45 minutes	Up to 4 hours
	Primary Battery and optional HP 8-Cell Extended Life Battery	TBD	Up to 7 hours and 30 minutes
	Primary Battery and optional HP 12-Cell Ultra-Capacity Battery	TBD	Up to 10 hours

NOTE: Battery life will vary depending on the product configuration, product model, applications loaded on the product, power management settings of the product, and the product features used by the customer. As with all batteries, the maximum capacity of this battery will decrease with time and usage.

System Standby Time Up to 2 weeks

Power Conservation

Supports enhanced Intel SpeedStep technology with Intel Core Duo processors (allows Battery Optimized Mode, Maximum Performance Mode, or Automatic mode)

HP Smart Power NIC technology

ATI PowerPlay technology

Hibernation

Standby

ACPI compliance

Docking

HP Docking Station
HP Advanced Docking Station

HP's shared docking solutions provide simple and convenient port replication and cable management. Features include Gigabit NIC pass through, modem pass through, legacy parallel and serial ports, DVI, S-video TV out, USB 2.0 ports, integrated security mechanism*, integrated MultiBay II and ExpressCard** slots. These docking solutions are compatible across multiple Business Notebook platforms enabling a lower total cost of ownership.

* HP/Kensington Cable Lock required (purchased separately)
** HP Advanced Docking Station only

Service and Support

HP Services includes a one-year standard parts and labor warranty, pick-up or carry-in, and toll-free 7 x 24 hardware technical phone support (depending on model). On-site service and warranty upgrades are also available.

NOTE: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.
http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp.

Select Model(s)

nx9420	**Processor**	Intel Core Duo processor T2300* (1.66-GHz, 667-MHz FSB, 2-MB L2 cache)

EV266AA#ABA	**Operating System**	Genuine Windows XP Professional Edition
	System Memory	512-MB 533-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	80-GB 5400 rpm SATA
	Optical Drive	DVD/CD-RW Combo
	Display	17.0-inch WXGA+ display with 1440 x 900 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420 EV267AA#ABA	**Processor**	Intel Core Duo processor T2400* (1.83-GHz, 667-MHz FSB, 2-MB L2 cache)
	Operating System	Genuine Windows XP Professional Edition
	System Memory	512-MB 533-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	80-GB 5400 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420	**Processor**	Intel Core Duo processor T2400* (1.83-GHz,

EV268AA#ABA		cache)
	Operating System	Genuine Windows XP Professional Edition
	System Memory	1024-MB 533-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	100-GB 5400 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle BrightView display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g Integrated Bluetooth
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420	**Processor**	Intel Core Duo processor T2500* (2.00-GHz, 667-MHz FSB, 2-MB L2 cache)
	Operating System	Genuine Windows XP Professional Edition
	System Memory	1024-MB 533-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	80-GB 7200 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g Integrated Bluetooth
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter

EV269AA#ABA	**Warranty**	1 Year Worldwide Limited Warranty
nx9420 RB547UT#ABA Smart Buy	**Processor**	Intel Core 2 Duo Processor T5600 (1.83-GHz, 667-MHz FSB, 2-MB L2 cache)*
	Operating System	Genuine Windows XP Professional Edition
	System Memory	512-MB 667-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	100-GB 5400 rpm SATA
	Optical Drive	DVD/CD-RW Combo
	Display	17.0-inch WXGA+ display with 1440 x 900 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty
nx9420	**Processor**	Intel Core 2 Duo Processor T7200 (2.0-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Operating System	Genuine Windows XP Professional Edition
	System Memory	512-MB 667-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	100-GB 5400 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)

RB548UA#ABA	**Power**	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420 RB549UT#ABA Smart Buy	**Processor**	Intel Core 2 Duo Processor T7200 (2.0-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Operating System	Genuine Windows XP Professional Edition
	System Memory	1024-MB 667-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	100-GB 5400 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle BrightView display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g Integrated Bluetooth
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420	**Processor**	Intel Core 2 Duo Processor T7400 (2.16-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Operating System	Genuine Windows XP Professional Edition
	System Memory	1024-MB 667-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	120-GB 5400 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle BrightView display with 1680 x 1050 resolution and 16M colors
	Graphics	NVIDIA Quadro NVS 510M graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g Integrated Bluetooth
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes

RB529UT#ABA Smart Buy	**HP Biometric Fingerprint Sensor**	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

nx9420 RB550UA#ABA	**Processor**	Intel Core 2 Duo Processor T7400 (2.16-GHz, 667-MHz FSB, 4-MB L2 cache)*
	Operating System	Genuine Windows XP Professional Edition
	System Memory	1024-MB 667-MHz DDR2 SDRAM (1 DIMM)
	Hard Drive	100-GB 7200 rpm SATA
	Optical Drive	DVD+/-RW SuperMulti with Double Layer
	Display	17.0-inch WSXGA+ wide viewing angle display with 1680 x 1050 resolution and 16M colors
	Graphics	ATI Mobility Radeon X1600 graphics controller with 256 MB of discrete video memory
	Audio	ADI1981HD High Definition CODEC, Line out/headphone and microphone jacks
	Communications	56K Fax/Modem, Integrated Broadcom NetXtreme Gigabit Ethernet PCI Express Controller (10/100/1000 NIC)
	Integrated Wireless	Intel Pro/Wireless 802.11 a/b/g Integrated Bluetooth
	TPM Embedded Security Chip	Yes
	Integrated Smart Card Reader	Yes
	HP Biometric Fingerprint Sensor	Yes
	Pointing Device	Touchpad with scroll zone, two soft-touch pick buttons
	Battery	8-cell high capacity Lithium-Ion (68Wh)
	Power	External 90-watt Smart AC Adapter
	Warranty	1 Year Worldwide Limited Warranty

* Intel's numbering is not a measurement of higher performance.

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Options

Memory	512-MB 533-MHz DDR2 SDRAM	PE831A
	1-GB 533-MHz DDR2 SDRAM	PE832A
	512-MB 667-MHz DDR2 SDRAM	EM993AA
	1-GB 667-MHz DDR2 SDRAM	EM994AA
	2-GB 667-MHz DDR2 SDRAM	EM995AA

MultiBay II Storage	DVD-ROM MultiBay II Drive	PA849A
	Combo DVD/CD-RW MultiBay II Drive	PA850A
	DVD+/-RW SuperMulti with Double Layer MultiBay II Drive	PA851A